

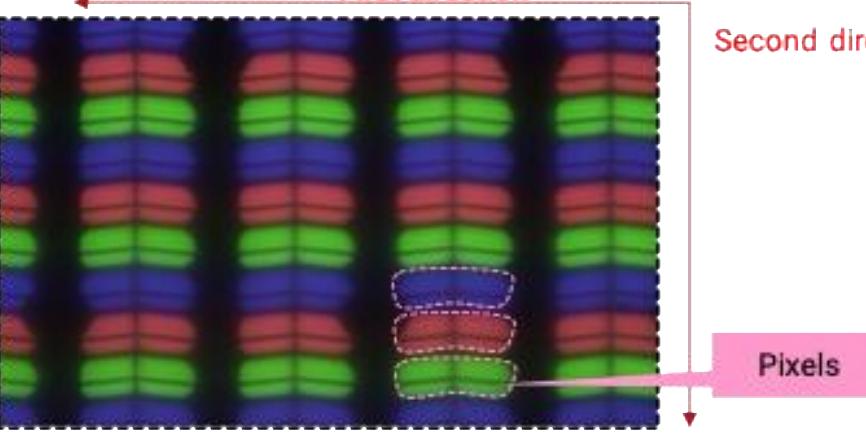
Exhibit 5

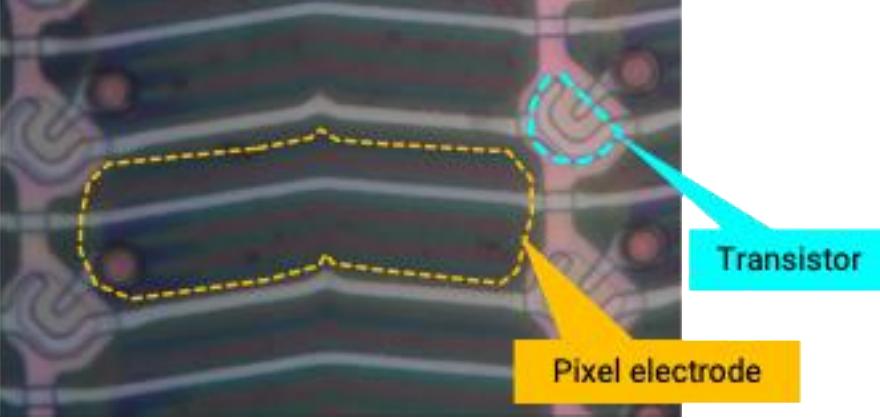
U.S. Patent No. 11,126,025 (“025 Patent”)**Accused Products**

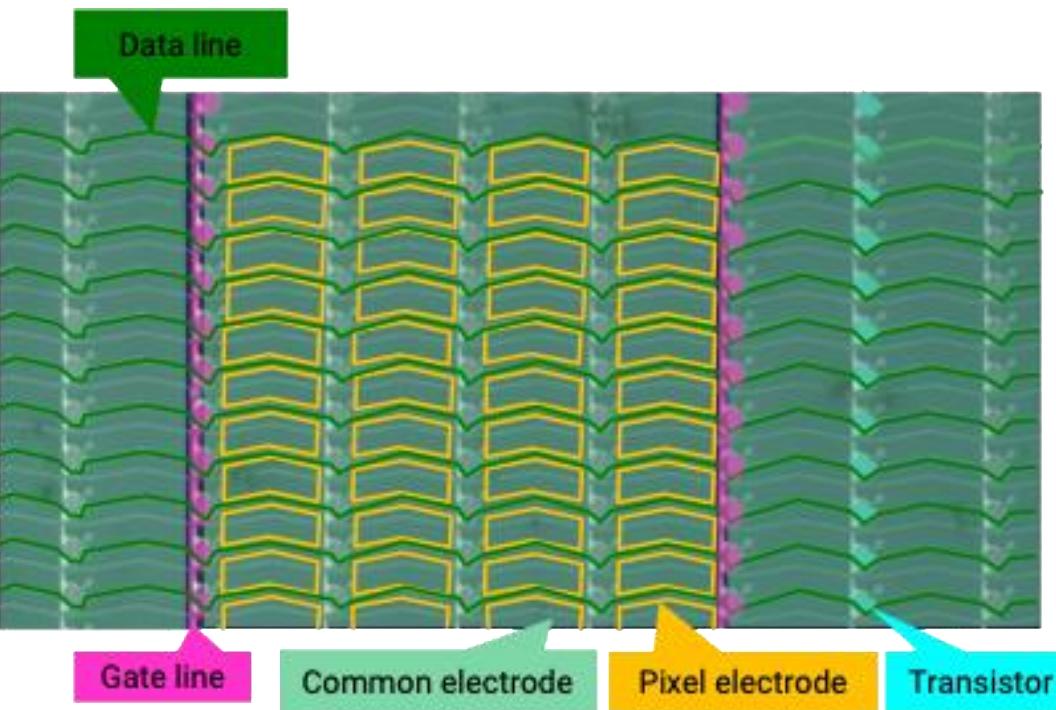
BOE products, including without limitation the BOE panel with touch sensor in the Amazon Fire HD10 tablet, and all versions and variations thereof since the issuance of the asserted patent.

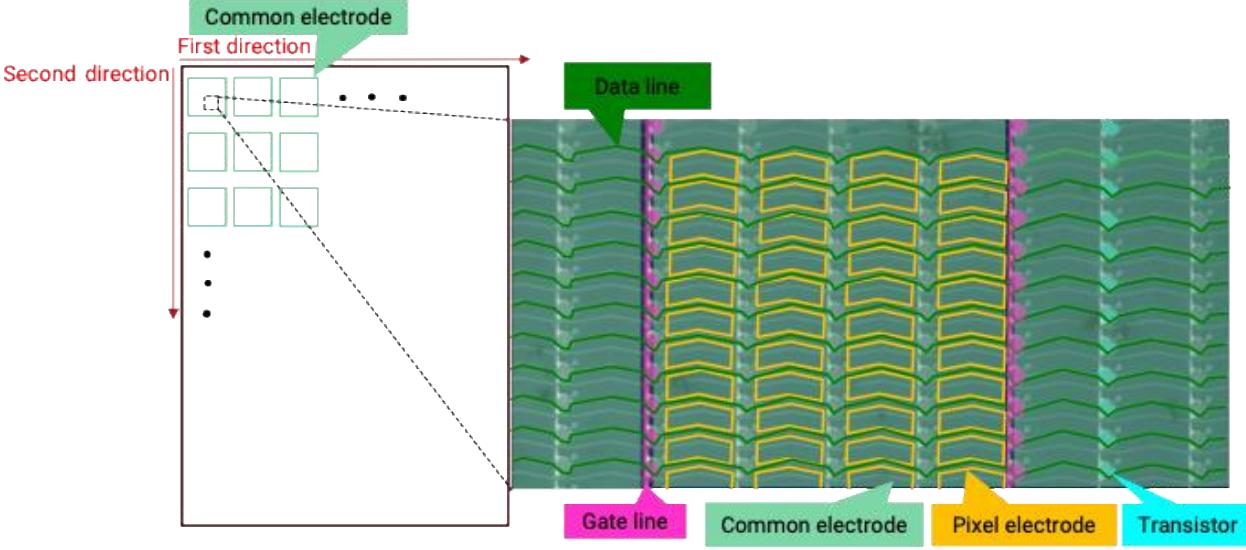
Claim 1

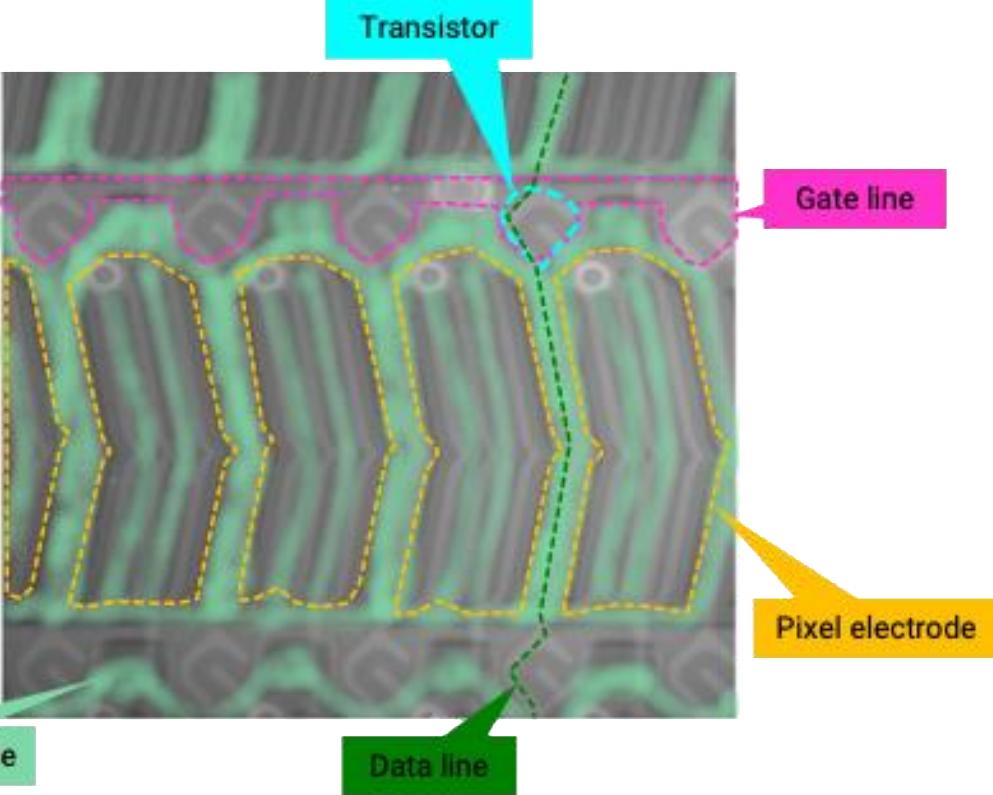
Claim 1	Accused Products
<p>[1.0] An in-cell touch panel having an image display area made up of pixels arranged in a first direction and a second direction intersecting the first direction, the in-cell touch panel comprising:</p>	<p>To the extent the preamble is limiting, each Accused Product is or comprises an in-cell touch panel having an image display area made up of pixels arranged in a first direction and a second direction intersecting the first direction.</p> <p><i>See discussion of claim limitations below.</i></p> <p><i>See also, e.g.:</i></p> <div data-bbox="633 734 1203 1224">  </div> <p>Photograph of exemplary Amazon Fire HD10 tablet containing BOE panel, annotated to show in-cell touch panel and image display area.</p>

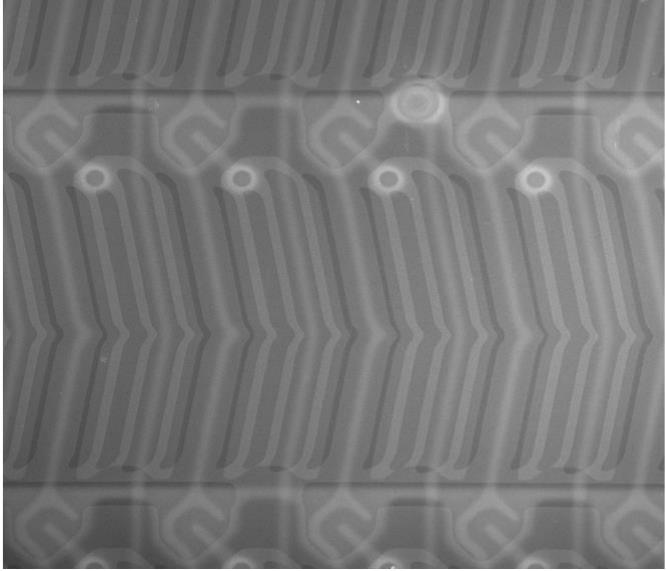
Claim 1	Accused Products
	 <p data-bbox="644 750 1890 824">Photograph of BOE panel within exemplary Amazon Fire HD10 tablet, showing pixels arranged in a first and a second direction.</p>

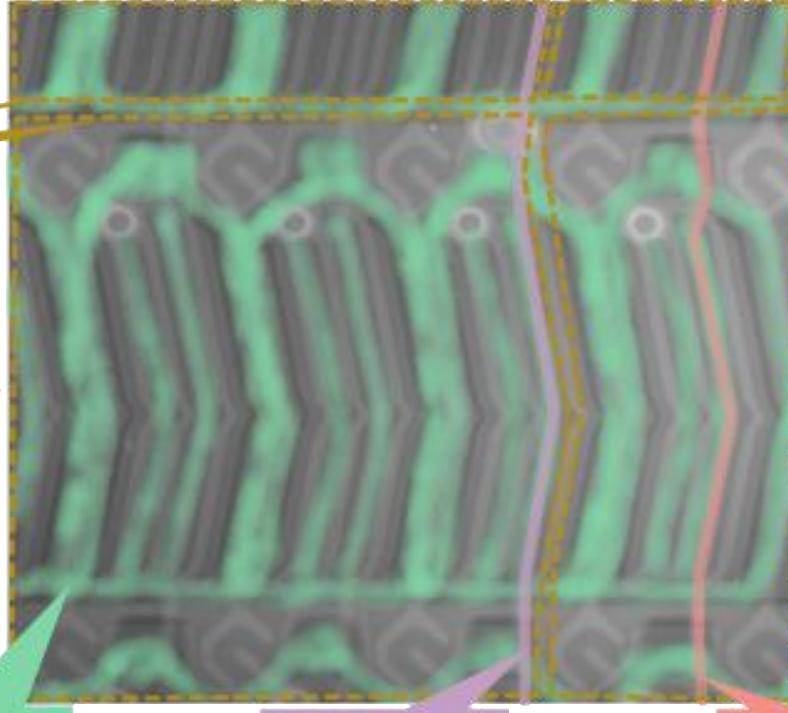
Claim 1	Accused Products
[1.1] transistors and pixel electrodes respectively provided in the pixels; <i>See, e.g.:</i>	<p>Each Accused Product comprises transistors and pixel electrodes respectively provided in the pixels.</p> <p><i>See, e.g.:</i></p>  <p>The image is a color photograph of a microscopic view of a pixel. It shows a central dark rectangular area with a dashed yellow outline, labeled 'Transistor'. To the right of this, a smaller circular area with a dashed blue outline is labeled 'Pixel electrode'. The background shows other pixels with similar structures.</p> <p>Annotated photograph showing pixel electrode and transistor.</p>

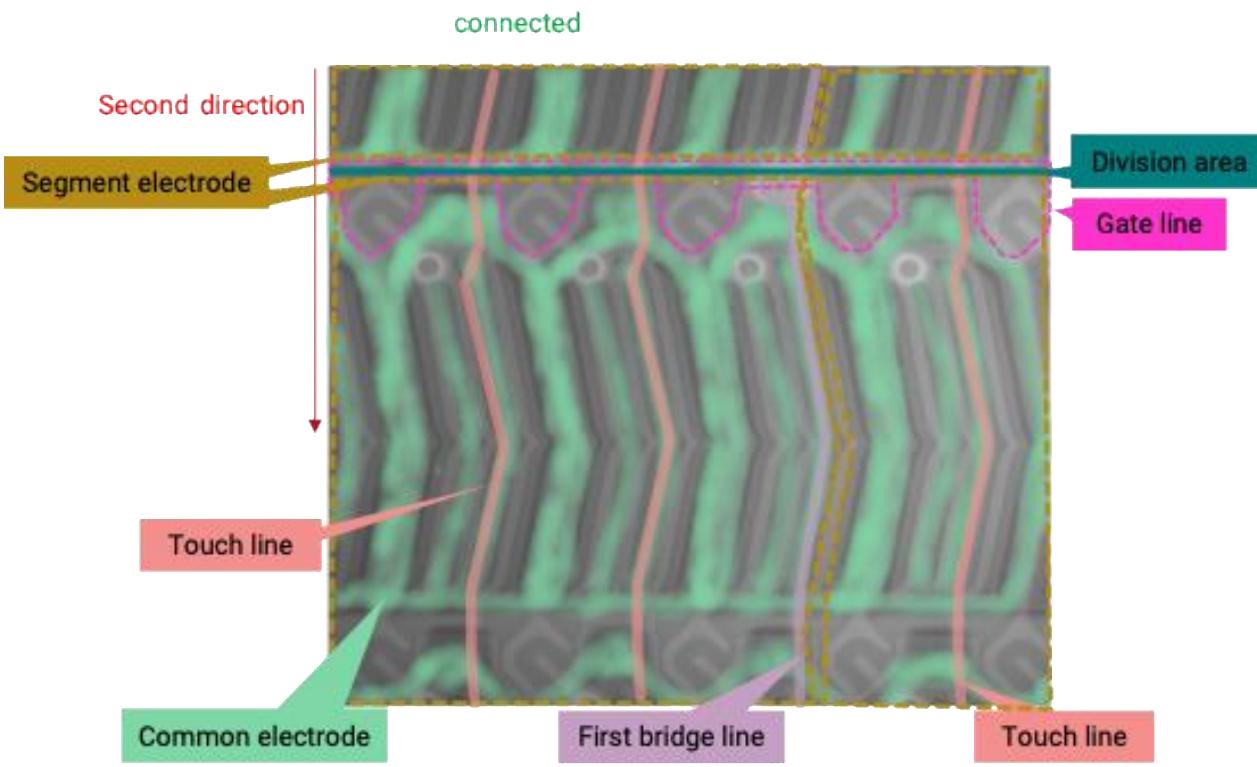
Claim 1	Accused Products
<p>[1.2] common electrodes arranged in the first direction and the second direction, respectively facing one or more of the pixel electrodes and provided separately from each other;</p> <p>[1.3] gate lines that extend along the first direction and supply gate signals to the transistors respectively;</p> <p>[1.4] data lines that extend along the second direction and supply data signals to the transistors respectively;</p>	<p>Each Accused Product comprises common electrodes arranged in the first direction and the second direction, respectively facing one or more of the pixel electrodes and provided separately from each other, gate lines that extend along the first direction and supply gate signals to the transistors respectively, and data lines that extend along the second direction and supply data signals to the transistors respectively.</p> <p><i>See, e.g.:</i></p>  <p>The diagram shows a cross-section of a semiconductor structure. It features a stack of green layers representing insulators or dielectrics. Interspersed between these layers are various conductive and semi-conductive features. Labels with arrows point to specific components: a green arrow points to a vertical line labeled 'Data line'; a pink arrow points to a vertical line labeled 'Gate line'; a light green arrow points to a horizontal line labeled 'Common electrode'; a yellow arrow points to a horizontal line labeled 'Pixel electrode'; and a light blue arrow points to a small rectangular feature labeled 'Transistor'.</p> <p>Annotated photograph showing common electrodes, pixel electrodes, gate lines, data lines, and transistors.</p>

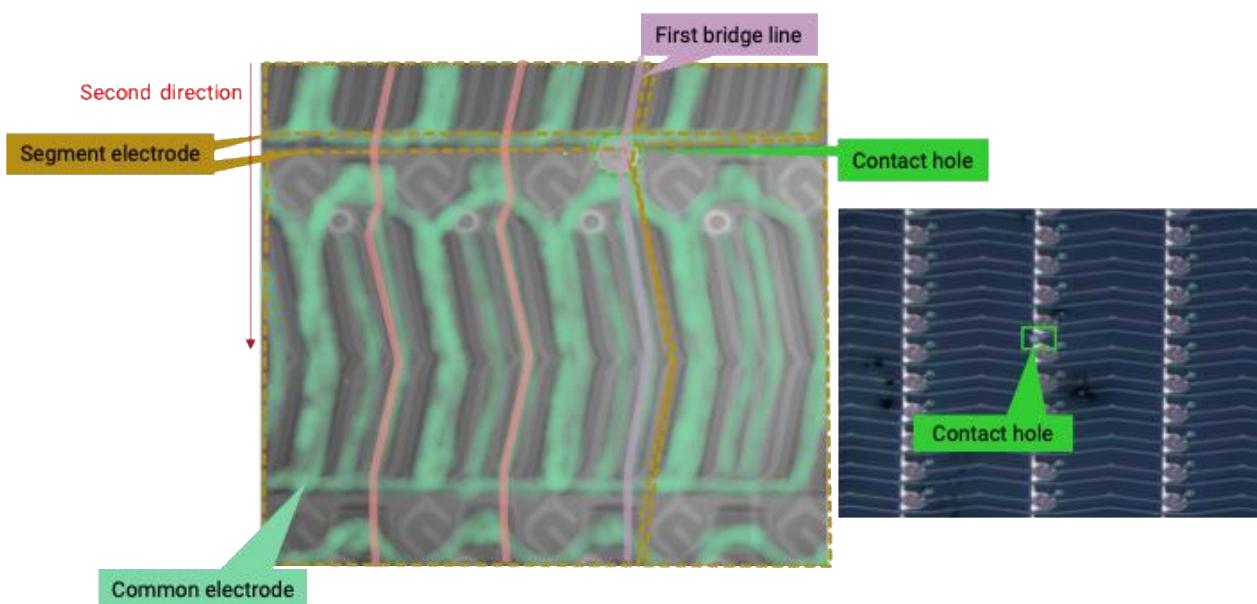
Claim 1	Accused Products
	 <p data-bbox="650 816 1622 853">Schematic illustration showing physical context of the previous photograph.</p> <p>The diagram illustrates a cross-section of a display panel. On the left, a small schematic shows a grid of squares with labels: 'Common electrode' at the top, 'First direction' with an arrow pointing right, and 'Second direction' with an arrow pointing down. A dashed line connects this schematic to the main cross-sectional view. The main cross-section shows a stack of layers. From the bottom, a 'Gate line' (pink) is followed by a 'Common electrode' (green). Above these, a series of 'Pixel electrode' (yellow) and 'Transistor' (cyan) structures are arranged in a grid. A 'Data line' (dark green) runs vertically through the center of the grid, connected to each pixel electrode. The top layer consists of a stack of green and purple layers.</p>

Claim 1	Accused Products
	 <p data-bbox="629 1073 1797 1144">Annotated illustration showing common electrode, pixel electrode, gate line, data line, and transistor in greater detail.</p>

Claim 1	Accused Products
<p>[1.5] touch lines that extend along the second direction and are each connected to a corresponding one of the common electrodes; and</p> <p>[1.6] a first bridge line laterally bridging two of the segment electrodes adjacent in the second direction across one of the division areas,</p>	<p>Each Accused Product comprises touch lines that extend along the second direction and are each connected to a corresponding one of the common electrodes and a first bridge line laterally bridging two of the segment electrodes adjacent in the second direction across one of the division areas.</p> <p><i>See, e.g.:</i></p>  <p>Image of portion of portion of touch panel.</p>

Claim 1	Accused Products
	 <p data-bbox="988 975 1917 1129">Annotated image of portion of touch panel, showing one touch line, common electrode, and a first bridge line bridging two electrodes in the second direction.</p> <p data-bbox="734 262 988 1029">Second direction</p> <p data-bbox="656 376 910 409">Segment electrode</p> <p data-bbox="777 980 1051 1013">Common electrode</p> <p data-bbox="1248 980 1480 1013">First bridge line</p> <p data-bbox="1727 980 1875 1013">Touch line</p>

Claim 1	Accused Products
<p>[1.7] wherein each common electrode has segment electrodes divided with a division area on the gate line,</p> <p>[1.8] segment electrodes included in one of the common electrodes are connected by at least one of the touch lines,</p>	<p>In each Accused Product, each common electrode has segment electrodes divided with a division area on the gate line and segment electrodes included in one of the common electrodes are connected by at least one of the touch lines.</p> <p><i>See, e.g.:</i></p>  <p>Annotated image showing division area dividing two segment electrodes, and one touch line connecting segment electrodes. Other claimed structures are also annotated for context.</p>

Claim 1	Accused Products
<p>[1.9] the first bridge line and each of the two of the segment electrodes are connected via a contact hole, and</p> <p>[1.10] the first bridge line extends in the second direction so as to overlap with the segment electrodes included in the one of the common electrodes, and be connected to the segment electrodes included in the one of the common electrodes.</p>	<p>In each Accused Product, the first bridge line and each of the two of the segment electrodes are connected via a contact hole, and the first bridge line extends in the second direction so as to overlap with the segment electrodes included in the one of the common electrodes, and be connected to the segment electrodes included in the one of the common electrodes.</p> <p><i>See, e.g.:</i></p>  <p>The image shows a cross-section of a semiconductor structure. A green layer represents the common electrode. On top of the common electrode, there are vertical grey structures representing segment electrodes. A yellow line represents the first bridge line. A red arrow labeled 'Second direction' points to the right, indicating the direction of extension for the first bridge line. A green box labeled 'Contact hole' points to a hole in the common electrode layer that connects the first bridge line to the segment electrodes. Labels include: First bridge line (purple), Second direction (red), Segment electrode (yellow), Contact hole (green), and Common electrode (green).</p> <p>Annotated image showing contact hole and first bridge line extending in the second direction so as to overlap with, and connect to, the segment electrodes included in the one of the common electrodes.</p>